Canon

Specifications

PowerShot SD430

Type of Camera

Type of Camera	Compact digital still camera with built-in flash, 3x Optical / 4x Digital / 12x Combined Zoom

Image Capture Device

Type	5.0 Megapixel, 1/2.5 inch Charge Coupled Device (CCD)
Total Pixels	Approx. 5.3 Megapixels
Effective Pixels	Approx. 5.0 Megapixels

Lens

Focal Length	5.8-17.4mm f/2.8-4.9 zoom lens (equivalent to 35-105mm in 35mm format)
Digital Zoom	4x
Focusing Range	Normal AF: 1.0 ft./30cm-infinity Macro AF: 1.2 in.-1.6 ft./3-50cm (WIDE), 1.0-1.6 ft./30-50cm (TELE) Digital Macro: 1.2-3.9 in./3-10cm (WIDE)
Autofocus System	TTL Autofocus

Viewfinders

Optical Viewfinder	Real-image optical zoom viewfinder
LCD Monitor	2.0 inch low-temperature polycrystalline silicon TFT color LCD
LCD Pixels	Approx. 118,000 pixels
LCD Coverage	100%

Aperture and Shutter

Maximum Aperture	f/2.8 (W) - f/4.9 (T)
Shutter Speed	15-1/1500 sec.; Long shutter operates with noise reduction when manually set at 1.3-15 sec.

Exposure Control

Sensitivity	Auto, ISO 50/100/200/400 equivalent
Light Metering Method	Evaluative, Center-Weighted Average, Spot** Metering frame with Spot Mode is fixed to center.
Exposure Control Method	Program AE AE Lock is available
Exposure Compensation	+/- 2 stops in 1/3-stop increments

White Balance

White Balance Control	Auto, Preset (Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H), Custom

Flash

Built-in Flash Operation Modes: Auto, On/Off, Red-Eye Reduction, Slow Synchro

Flash Range Normal: 1.6-12 ft./50cm - 3.5m (W), 1.6-6.6 ft./50cm - 2.0m (T)
Macro: 1.0-1.6 ft./30-50cm (W/T) (When ISO is set to Auto)

Recycling Time Approx. 10 sec. or less (battery voltage=3.7V)

Flash Exposure Compensation Not available

Shooting Specifications

Shooting Modes Auto, Manual, Portrait, Landscape, Night Snapshot, Special Scene (Foliage, Snow, Beach, Fireworks, Indoor, Kids & Pets), Digital Macro, My Colors, Stitch Assist, Movie

Photo Effects Vivid, Neutral, Low Sharpening, Sepia, Black & White

Self-Timer Activates shutter after an approx. 2 sec./10 sec. delay, Custom

Wireless Control IEEE 802.11b
Infrastracture Mode (computer via access point), Ad-Hoc Mode (printer via Wireless Print Adapter WA-1N or computer via wireless LAN card)

Continuous Shooting Approx. 2.1 fps

Image Storage

Storage Media SD Memory Card, MultiMediaCard

File Format Design rule for camera file system, DPOF Version 1.1 (Digital Print Order Format)

Image Compression Still Image: Exif 2.2 (JPEG)
Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural))

JPEG Compression Mode Normal, Fine, SuperFine

Number of Recording Pixels Still Image: 640 x 480 (Small), 1,600 x 1,200 (Medium 2), 2,048 x 1,536 (Medium 1), 2,592 x 1,944 (Large)Movie: 640 x 480/320 x 240 (30 fps/15 fps, up to 1GB, 60 min.), 320 x 240 (1 min. at 60 fps), 160 x 120 (3 min. at 15 fps)

Number of Recordable Images

	Small/N	Small/F	Small/SF	Medium2/N	Medium2/F	Medium2/SF
File Size	**84KB**	**150KB**	**249KB**	**278KB**	**558KB**	**1,002KB**
SDC-16M	127	80	52	46	24	13
SDC-128M	1,118	711	460	411	217	121
SDC-512MSH	4,317	2,747	1,777	1,590	839	471
	Medium1/N	**Medium1/F**	**Medium1/SF**	**Large/N**	**Large/F**	**Large/SF**
File Size	**445KB**	**893KB**	**1,602KB**	**695KB**	**1,395KB**	**2,503KB**
SDC-16M	30	15	8	19	9	5
SDC-128M	269	136	76	173	87	49
SDC-512MSH	1,041	529	295	671	339	190

Time of Recordable Movies

	Movie/Low	Movie/Medium	Movie/High	Movie/Compact	Movie/Fast Frame Rate

File Size	330KB/sec.	660KB/sec.	1,980KB/sec.	120KB/sec.	1,320KB/sec.
SDC16M	40 sec.	20 sec.	6 sec.	99 sec.	10 sec.
SDC-128M	355 sec.	181 sec.	64 sec.	869 sec.	92 sec.
SDC-512MSH	1,373 sec.	702 sec.	249 sec.	3,357 sec.	359 sec.

Note: N=Normal F=Fine SF=SuperFine
Storage Capacity varies depending on camera settings. This data is estimated from Canon's standard shooting conditions. Figures for Movie Mode represent total capacity of the particular media.

Playback Specifications

Playback Modes File Still Image: Single, Magnification (approx. 2x-10x), Jump, Auto Rotate, Rotation, Histogram, Index (9 thumbnail images), Sound Memos, Slide Show
Movie: Normal Playback, Special Playback, Editing

Erasing Specifications

Erase Modes Still Image: Single image, All images
Movie: Part of movie, All of movie

Interfaces

Computer Interface USB 2.0 Hi-Speed

Video Out NTSC/PAL

Audio Out Monaural

Other Memory card slot. Direct connection via camera's USB cable or wireless connection with Wireless Print Adapter WA-1N to Canon CP and SELPHY Compact Photo Printers, PIXMA Photo Printers and PictBridge compatible printers.

Power Supply

Power Source 1. Rechargeable Lithium Battery NB-4L
2. AC Adapter Kit ACK-DC10

Shooting Capacity Still Image: approx. 150 shots (NB-4L/LCD on),* approx. 500 shots (NB-4L/LCD off) *1

Playback Time Approx. 180 min. (NB-4L)*

Physical Specifications

Operating Temperature 32-104°F/0-40°C

Operating Humidity 10-90%

Dimensions (W x H x D) 3.90 (W) x 2.14 (H) x 0.85 (D) in./99.0 (W) x 54.4 (H) x 21.7 (D) mm

Weight Approx. 4.59 oz./130g (camera body only)

* CIPA standard
*1 Canon Standard Test Methods.
22 display languages provided (English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified/Traditional Chinese, Japanese, Russian, Portuguese, Korean, Greek, Polish, Czech, Hungarian, Turkish, Thai)
All data are based on Canon's Standard Test Method. Subject to change without notice.
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